## **EAST Search History**

| Ref<br># | Hits    | Search Query  | DBs                             | Default<br>Operator | Plurais | Time Stamp       |
|----------|---------|---|---------------------------------|---------------------|---------|------------------|
| L1       | 9266    | 430/5.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:08 |
| L2 ,     | 22181   | (phas\$3 or shift\$3) near3 (mask or photomask or reticle) or \$3PSM                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:10 |
| L3       | 3353    | line end short\$5 or (short\$5 or shrink\$3) near3 (end or tip) near3 (line or rectangle) | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:16 |
| L4       | 506478  | resist or photoresist   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:17 |
| L5       | 1674965 | memory or DRAM or \$3ROM  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:19 |
| L6       | 147     | 2 same isolated same dense same (pattern or portion or area or region)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:31 |
| L7       | 3       | 1 and 6 and 3 same 4 and 5  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:24 |
| L8       | 2       | 1 and 6 and 3 same 4 not 7  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:25 |
| L9       | 1       | 1 and 6 and 3 not 7 not 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:27 |
| L10      | 4       | 6 and 3 not 7 not 8 not 9   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:29 |
| L11      | 96      | 1 and 6 not 7 not 8 not 9 not 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:30 |
| L12      | 41      | 6 not 7 not 8 not 9 not 10 not 11   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:30 |
| L13      | 18      | 1 and 2 same isolated same dense<br>not 7 not 8 not 9 not 10 not 11 not<br>12             | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:32 |
| L14      | 27      | 1 and (2 same 3) not 7 not 8 not 9 not 10 not 11 not 12 not 13                            | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ                 | ON      | 2008/01/02 10:33 |

1/2/08 11:13:33 AM
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| L15 | 13 | 2 same (line (end or tip) short\$5 or<br>LES or short\$5 (end or tip)) and 5<br>not 7 not 8 not 9 not 10 not 11 not<br>12 not 13 not 14   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 10:38 |
|-----|----|---|---------------------------------|-----|----|------------------|
| L16 | 13 | 1 and (2 same (halftone or<br>semitransparen\$2 or semi<br>transparen\$2 or partial\$2<br>transparen\$2 or attenuat\$3) or<br>HPSM or att PSM or attPSM) and 3<br>same 4 not 7 not 8 not 9 not 10 not<br>11 not 12 not 13 not 14 not 15   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 10:46 |
| L17 | 7  | 1 and 2 same ("90.DEG." and "180.<br>DEG." or "90" degree and "180"<br>degree) same (recess\$3 or etch\$3)<br>same (substrate or base or support)<br>not 7 not 8 not 9 not 10 not 11 not<br>12 not 13 not 14 not 15 not 16  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 10:54 |
| L18 | 1  | 2 same ("90.DEG." and "180.DEG." or "90" degree and "180" degree) same (recess\$3 or etch\$3) same (substrate or base or support) not 7 not 8 not 9 not 10 not 11 not 12 not 13 not 14 not 15 not 16 not 17   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 10:55 |
| L19 | 34 | 1 and 2 same ("90.DEG." and "180.<br>DEG." or "90" degree and "180"<br>degree) not 7 not 8 not 9 not 10 not<br>11 not 12 not 13 not 14 not 15 not<br>16 not 17 not 18   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 10:59 |
| L20 | 10 | 1 and 2 same ("90.DEG." or "90" degree) not 7 not 8 not 9 not 10 not 11 not 12 not 13 not 14 not 15 not 16 not 17 not 18 not 19   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 11:03 |
| L21 | 40 | 1 and 2 same (pair or couple or double or two or second) near2 (opposit\$2 or separat\$3 or across or spaced apart) near2 (group or area or portion or region or pattern or line or isolated or dense or fac\$3) not 7 not 8 not 9 not 10 not 11 not 12 not 13 not 14 not 15 not 16 not 17 not 18 not 19 not 20 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 11:10 |
| L22 | 1  | Cheng-Yung-Feng.in. not 7 not 8 not 9 not 10 not 11 not 12 not 13 not 14 not 15 not 16 not 17 not 18 not 19 not 20 not 21   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 11:11 |
| L23 | 45 | (United Microelectronics).as. and 1 and 2 not 7 not 8 not 9 not 10 not 11 not 12 not 13 not 14 not 15 not 16 not 17 not 18 not 19 not 20 not 21 not 22  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2008/01/02 11:12 |

## **EAST Search History**

| S1 | 1 | ("20060046157").PN. | US-PGPUB; | OR | OFF | 2007/12/31 18:32 |
|----|---|---------------------|-----------|----|-----|------------------|
|    |   |                     | USPAT     |    |     |                  |

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